

20010106.qrp v02_n059.qrl.20010106

Date: Sat, 6 Jan 2001 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2059

QRP-L Digest 2059

Topics covered in this issue include:

- 1) [88019] Re: Toroid Tribulations
by Larry S Cahoon <wd3p@juno.com>
- 2) [88020] Which Band
by "Kevin Nathan" <k7rx@uswest.net>
- 3) [88021] OT - OINK OINK
by hamjoel@juno.com
- 4) [88022] Re: Toroid Tribulations
by "Victor Blackwell" <victor@brecnet.com>
- 5) [88023] Help!! Steve -Melt solder - ATTENTION
by tedkell@juno.com
- 6) [88024] Re: Small TX loops still amaze!
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 7) [88025] [Dayton2001] Dayton 2001 Rooms
by Hank Kohl K8DD <k8dd@arrl.net>
- 8) [88026] Re: Toroid Tribulations
by David Newkirk <dpnewkirk@home.com>
- 9) [88027] Re: Toroid Tribulations
by "Chuck Carpenter" <w5usj@globeco.net>
- 10) [88028] W0??? book seller
by "Mike D." <hrg@cifnet.com>
- 11) [88029] Re: Toroid Tribulations
by "K7FD/N7SG" <cqdx@teleport.com>
- 12) [88030] Re: Japan opening now.....
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 13) [88031] Re: Toroid Tribulations
by "Steve McDonald" <jsm@gulfislands.com>
- 14) [88032] Re: Toroid Tribulations
by Bruce Muscolino <w6toy@erols.com>
- 15) [88033] Re: Japan opening now.....
by "Victor Blackwell" <victor@brecnet.com>
- 16) [88034] Re: Toroid Tribulations
by "Victor Blackwell" <victor@brecnet.com>
- 17) [88035] Re: Small TX Loops Still Amaze
by Brian <brian@iquest.net>
- 18) [88036] Re: Toroid Tribulations
by "John Moriarity" <k6qq@hdo.net>
- 19) [88037] Re: W0??? book seller

- by "John Moriarity" <k6qq@hdo.net>
- 20) [88038] Cub Fox Hunt: N0IT January 4 Final Log
by Dave Sjolin <sjolin@swbell.net>
- 21) [88039] Re: Small TX loops still amaze!
by "ZOOM" <kandRparker@sympatico.ca>
- 22) [88040] Re: Small TX loops still amaze!
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 23) [88041] Re: Small TX loops still amaze!
by "ZOOM" <kandRparker@sympatico.ca>
- 24) [88042] Home Brew PSK31
by "Graeme Zimmer" <gzimmer@bigpond.com>
- 25) [88043] Re: Home Brew PSK31
by Rick Sealey <rsealey@northstate.net>
- 26) [88044] Re: Home Brew PSK31
by K4YBB@aol.com
- 27) [88045] Re: Home Brew PSK31
by "Christopher Cox" <cobox@urec.net>
- 28) [88046] Re: RadioKit 1/4/01 - Debug Deja Vu - 2
by "Larry Wise" <lewise@txwises.com>
- 29) [88047] Re: Home Brew PSK31
by John R Kirby <n3aaz-qrp@juno.com>
- 30) [88048] Kitchin's regen receiver
by "Nico Vertriest" <nvcw@village.uunet.be>
- 31) [88049] Kitchin's regen receiver
by "Nico Vertriest" <nvcw@village.uunet.be>
- 32) [88050] Re: Home Brew PSK31
by Rick Sealey <rsealey@northstate.net>
- 33) [88051] Re: Home Brew PSK31
by "Karl F. Larsen" <k5di@zianet.com>
- 34) [88052] Re: Kitchin's regen receiver
by "Richard Matthews" <prm@hiwaay.net>
- 35) [88053] FS: psk-80 Warbler (regrettably)...
by "Rod Cerkoney" <n0rc@hotmail.com>
- 36) [88054] Is it OK to ground cap's rotor?
by Steve Bauder <sbauder@win.bright.net>
- 37) [88055] FS: Assembled Norcal 40A (fwd)
by <wd9eyb@butler.qrp.com>
- 38) [88056] Re: Is it OK to ground cap's rotor?
by "Trevor Jacobs" <fxtech@earthlink.net>
- 39) [88057] Portable Antenna Mast Stands
by <wd9eyb@butler.qrp.com>
- 40) [88058] FOX - N5TW Final Log (Hopefully)
by "Tom Whiteside" <n5tw@igg-tx.net>
- 41) [88059] Re: Kitchin's regen receiver
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 42) [88060] Fw: Warbler fun: SAT 06-Jan-2001
by "Rod Cerkoney" <n0rc@hotmail.com>
- 43) [88061] Re: Home Brew PSK31

by "Christopher Cox" <cobox@urec.net>
44) [88062] Re: Kitchin's regen receiver
by "Richard Matthews" <prm@hiwaay.net>
45) [88063] FOX - Team Results - correction1 -
by Bruce Rattray <rattray@gpfn.sk.ca>
46) [88064] SOLD! Re: psk-80 Warbler (regrettably)...
by "Rod Cerkoney" <n0rc@hotmail.com>
47) [88065] Re: Home Brew PSK31
by NB6M@aol.com
48) [88066] Is this our interference?? Iraq/Iran jammers...
by Kevin L Anderson <k9iua@juno.com>
49) [88067] PSK qrp-1 Net a Success
by John R Kirby <n3aaz-qrp@juno.com>
50) [88068] FS: Another psk-80 Warbler kit
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
51) [88069] Re: PSK qrp-1 Net a Success
by "Rod Cerkoney" <n0rc@hotmail.com>
52) [88070] Re: Home Brew PSK31
by "Jim Gelbort" <jamesgelbort@worldnet.att.net>
53) [88071] WA3WSJ/m on AT 7.040
by "Ron Polityka" <wb3aal@fast.net>
54) [88072] Re: WA3WSJ/m on AT 7.040
by "Ron Polityka" <wb3aal@fast.net>
55) [88073] Need FT 50-43 core
by Mike&Paula <herr@ridgecrest.ca.us>
56) [88074] Fw: WA3WSJ AT Snow Trip Unsuccessful and Here's Why!
by "Ron Polityka" <wb3aal@fast.net>
57) [88075] Re: Small TX loops still amaze!
by Ed Loranger <ooringer@yahoo.com>
58) [88076] CUB FOX -- Final Log 01/02/01 Hunt
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
59) [88077] Free: Agilent (HP) T&M Y2K Catalog
by "Michael Melland" <badger@vbe.com>
60) [88078] N0RC QRV near 24.950 2100-2300z
by "Rod Cerkoney" <n0rc@hotmail.com>
61) [88079] Re: Small TX loops still amaze!
by "Steven Weber" <kd1jv@moose.ncia.net>
62) [88080] QRP and Chile
by Paul Womble <pwomble1@tampabay.rr.com>
63) [88081] RE: [fpqrp] QRP and Chile
by "John L. Sielke" <w2agn@pobox.com>
64) [88082] FOX - N5TW Final log
by "Tom Whiteside" <n5tw@igg-tx.net>
65) [88083] Re: QRP and Chile
by w0av@juno.com
66) [88084] N0RC QRT: Re: N0RC QRV near 24.950 2100-2300z
by "Rod Cerkoney" <n0rc@hotmail.com>
67) [88085] Re: QRP and Chile

by Joseph I Pirkle <ad4ih@juno.com>
68) [88086] Re: QRP and Chile
by Paul Womble <pwomble1@tampabay.rr.com>
69) [88087] RTTY racket on 7040
by "Victor Blackwell" <victor@brecnet.com>
70) [88088] RE: Toroid Tribulations
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
71) [88089] Yaesu FT-817 Aluminum Enclosure
by "Bruce Prior" <n7rr@hotmail.com>

Date: Sat, 6 Jan 2001 00:00:29 +0000
From: Larry S Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU
Cc: qrp-l@Lehigh.EDU
Subject: [88019] Re: Toroid Tribulations
Message-ID: <20010106.000050.-330805.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

> I use a candle or a match to burn off most of it, and then tin
> the
> ends with a *hot* >clean< iron.

Same here, except I use a lighter, then sand the rest off by just folding
a small piece of sandpaper in half and pulling it over the exposed wire.

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 5 Jan 2001 17:07:52 -0700
From: "Kevin Nathan" <k7rx@uswest.net>
To: <qrp-l@lehigh.edu>
Subject: [88020] Which Band
Message-ID: <01d301c07774\$b65661c0\$0300000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all of you who responded to my plea for input. I went ahead and offered on the MFJ 9030 but haven't heard back yet. Several of you suggested a K1 or similar multiband rig but those are just out of my price range right now even though I drool every time I hear someone talk about them. Now, if you would trade a K1 or OHR 500 for my DX380 and \$100, you're on. <GRIN>

Again, thanks much to you all and 72.
Kevin, K7RX

Date: Fri, 5 Jan 2001 19:07:39 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [88021] OT - OINK OINK
Message-ID: <20010105.190829.-264053.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

OINK OINK I SAY...

flying pigs they claim...though it is obvious sumthing big sat on my antenna... heard the noise right heah in my speakah...went looking for my flying pig net...gonna catch one of those critters...

found a cluster of em on forty meters... holding thair own net lookin for me...

now I dream of flying pigs yelling oink oink, qrp... send u a qsl card iffing u can work me...

be patient my little pork friend... I have another ant idea... iffing I can dig up my dowel what be burried in the sneaux... At five watts u be bacon for breakfast soon enough...

and iffing I can't cw ya, I'll psk ya... or snare ya with one of Ed's mini loops...

oink , oink... I say

ke1la joel

in maine

losing it... da cold done got me...

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 5 Jan 2001 19:49:44 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [88022] Re: Toroid Tribulations
Message-ID: <00e701c0777a\$904f3780\$495730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ahh! Memory starting to kick in. Either at Drake or NASA the solvent of choice was named "Soldereze" I have no recall of what was in the bottle. Probably some nasty and mean lacquer solvent.

I also had a machine that would wind toroids. Those with many, many turns. I even liked watching that machine work. Key word here is watch.

Vic AD8K

```
>> I use a candle or a match to burn off most of it, and then tin
>> the
>> ends with a *hot* >clean< iron.
>
>Same here, except I use a lighter, then sand the rest off by just folding
>a small piece of sandpaper in half and pulling it over the exposed wire.
>
>73 de Larry.....WD3P in MD
>
>-----
>GET INTERNET ACCESS FROM JUNO!
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>Join Juno today! For your FREE software, visit:
>http://dl.www.juno.com/get/tagj.
```

Date: Fri, 5 Jan 2001 17:04:32 -0600
From: tedkell@juno.com
To: qrp-1@Lehigh.EDU
Cc: qrp-1@Lehigh.EDU
Subject: [88023] Help!! Steve -Melt solder - ATTENTION
Message-ID: <20010105.190353.-289483.0.tedkell@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Steve,

My system crashed after receiving your message about fixing my Sierra. I lost your address. Please send it again. Thanks.

Actually, I have several band modules, but the problem appears on all of them.

Looking for your address,

Ted
N3Ted

Sorry to dump this on everyone else, but.....

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 05 Jan 2001 19:25:51 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88024] Re: Small TX loops still amaze!
Message-ID: <002901c0777f\$9cb16fc0\$3e2bbcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Ed,

Thanks for the great report on the small loops! As you may already know I too love playing with small transmitting loop antennas.

In regards to coupling to a small loop, my favorite method is to use a slightly oversized electrostatic shielded coupling loop that is not physically connected to the main loop and I then rotate the small loop relative to the plane of the larger loop for optimum coupling. After all, a small loop can be regarded as a large coil and capacitor tank circuit and the small coupling loop is simply a primary link that you adjusted for proper match (coupling). This works very well in achieving the greatest return loss and optimum Q without having to resort to wildly contorted gamma matches, etc. Here is an early photo of a rather flexible coupling loop in which I was able to achieve a very good return loss anywhere within the operation range of the loop:

<http://www.geocities.com/aa5tb/loop08.jpg>

A similar coupling loop made out of semi-rigid coax would be ideal (such as the one used on my 2m "toy" loop).

Since you mentioned that you have lost some of your loop antenna bookmarks you may want to click on some of the links at the bottom of my small loop antenna page. The URL is:

<http://www.geocities.com/aa5tb/loop.html>

Have fun.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Fri, 05 Jan 2001 20:41:41 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Subject: [88025] [Dayton2001] Dayton 2001 Rooms
Message-ID: <5.0.2.1.2.20010105202842.026ec940@mail.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have received a few emails regarding rooms. Due to working out of town things have been running a little behind.

We had a price increase over last year. It has been \$72 per night as long as I've been doing this. This year they are getting \$74 plus appropriate taxes.

So, if you had a room last year, you have got a room this year.

If you didn't have a room last year, reply with the [Dayton2001] in the subject and it will filter into the Dayton2001 folder and I'll get to it in the next week, and have a web site for the list in a couple weeks.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS http://www.tir.com/~k8dd
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/

Date: Fri, 05 Jan 2001 20:48:42 -0500
From: David Newkirk <dpnewkirk@home.com>
To: qrp-l@Lehigh.EDU
Subject: [88026] Re: Toroid Tribulations
Message-ID: <3A56797A.DD0B606C@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve, VE7SL, wrote:

> the worst part about winding toroids for me is cleaning the varnish off
> the ends of the wire. I usually use an X-acto knife

[snip]

> Is there an
> easier way or do we all sweat out the same procedure??

I open a pair of scissors and hold them (in my dominant hand) so the V of the blades points up and the handles point down, with my thumb against (or ready to be moved against) one blade. (One handle goes between my index and middle fingers for comfort.) I hold whatever I want to strip in my other hand and repeatedly scrape the blade against the enamel, scraping toward and off the free end of the wire, pressing the wire against the blade with my thumb for each scrape and lifting my thumb for each return. It's a rapid, potato-peeling sort of motion. Twisting the wire with the other hand so its entire circumference of the wire gets scraped comes naturally; so does the sense of how the job is going by the feel of the increased drag on the blade as it hits bare copper instead of the slippery enamel.

This approach works with a single blade, too; I've done it with knives, pocket and X-Acto. Not cutting yourself also comes naturally. Applying just enough pressure not to significantly nick the wire does too.

Mentioning this reminds me to suggest another technique that others might find useful: Using your index finger to trap the loose ends of snipped-off component leads. When you're snipping off a component lead, such the extra wire lengths you need to remove after soldering

through-hole components into a circuit board, hold your clippers between your thumb and last three fingers, leaving your index finger free. Close the cutters around the lead where you want to snip it, but before applying the final snipping pressure, press your index finger into the free end of the wire. Once you snip the wire, it's held between the closed jaws of the snipper and your finger, and with a flick of your wrist and a bit of index-finger coordination you can toss the snipped end directly into the trash (or your wire-snippets tray, since they're great for use as pretinned jumpers).

Some wire cutters have a extra bit-in springy steel piece attached to and aligned with the cutter blades to perform exactly this function -- a very valuable function, since the snipped-off wire ends can otherwise fly into your eyes, end up on the floor or, as happened (with a gold-plated-steel lead) to one someone I once worked with, go far up your nose.

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

Date: Fri, 05 Jan 2001 20:18:48 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: jsm@gulfislands.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88027] Re: Toroid Tribulations
Message-ID: <3.0.2.32.20010105201848.006c31bc@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Steve,

I try to get wire with coatings such as thermaleze. I've seen two colors, red and green. These coatings can be removed by tinning the leads. The wire that I have is redish and if you start at the very end with the solder and work back, it comes off quite nicely. Two kits I've had used this type of wire. Very thoughtful of the kit producers. One of my rolls of wire came from RS some time ago.

We used this type of wire at one company where transformers were manufactured. Tinning leads was only a matter of dunking the leads in a solder pot.

Otherwise, the solvent and/or sandpaper (fine grit) ideas work well.

Chuck Carpenter, EM22cv, Point, Rains County, Texas
NETXQRP Club -- <http://www.netxqrp.org>

Date: Fri, 5 Jan 2001 20:23:17 -0600
From: "Mike D." <hrg@cifnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88028] W0??? book seller
Message-ID: <001a01c07787\$a147c720\$a0ad4ec6@bozo>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Who is the book hamfest book seller that has the W0 callsign? Anyone have an e-mail address too? Tks.

73 de Mike, N9BOR
FISTS MAC SMC SOC ZUT
<http://www.qsl.net/n9bor>
MAC <http://www.qsl.net/mac>

di dah dit - The only Roger Beep you'll ever need.
My designated driver is a 12BY7A.

Date: Fri, 5 Jan 2001 18:23:51 -0800
From: "K7FD/N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88029] Re: Toroid Tribulations
Message-ID: <001c01c07787\$b68c1d20\$97231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I just heat up my 40w Radio Shack iron, blob a lil' solder on the tip, hold it to the end of the wire and follow it melting the enamel away as I move towards the core. I usually place a tin cookie sheet under the Panavise holding the core so the solder blobs drip to a safe spot...

Then I put the 40w iron away and continue kit building with my 25w Radio Shack iron. Works great, no sweat, no pain.

73 John K7FD

> OK...the worst part about winding toroids for me is cleaning the varnish
off
> the ends of the wire. I usually use an X-acto knife and try to support the
> wire on the edge of the bench or a piece of cardboard while I carefully
> scrape and rotate the toroid...all the time holding my breath that the
wire
> doesn't get cut or snap off, forcing me to re-wind the coil! Is there an
> easier way or do we all sweat out the same procedure??
>
> Steve / VE7SL
>

Date: Fri, 05 Jan 2001 20:32:07 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [88030] Re: Japan opening now.....
Message-ID: <00bb01c07788\$de268d60\$3e2bbcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Victor,

I apologize if I missed the point but what was unusual about this
prediction? You never mentioned a band. Sounds like some folks had a lot
of fun though.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Fri, 5 Jan 2001 19:21:19 -0800
From: "Steve McDonald" <jsm@gulfislands.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88031] Re: Toroid Tribulations
Message-ID: <002d01c0778f\$be4e3900\$7311f4cc@jms>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many thanks to all for your hints and kinks! Some great new ideas as always!

VE7SL / Steve

Date: Fri, 05 Jan 2001 22:22:08 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: victor@brecnet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [88032] Re: Toroid Tribulations
Message-ID: <3A568F60.9E0896F1@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Victor,

Solderze was a trade name for Belden magnet wire that had heat removable insulation. OK for RF and IF transformers but spotty for power applications. Magnet wire has had many different coverings over the years. Personally I like Formvar but that has to be scraped!

73

Date: Fri, 5 Jan 2001 22:41:51 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: <aa5tb@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [88033] Re: Japan opening now.....
Message-ID: <005801c07792\$9bc54060\$3c5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

7 Mhz was the band. A lot of DXers think they are working Long Path when they work Japan this time of day. I wanted to get what info I had out fast. So did not report any detail. I have gotten some interesting

comments, mostly from professionals who monitor here. Most just wanted to know how I made that prediction. What programs I was using it any. I was a lot of positive responses. So maybe it would warrant answering if enough interest shown.

Vic AD8K

>Hi Victor,
>
>I apologize if I missed the point but what was unusual about this
>prediction? You never mentioned a band. Sounds like some folks had a lot
>of fun though.
>

Date: Fri, 5 Jan 2001 22:45:28 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [88034] Re: Toroid Tribulations
Message-ID: <006301c07793\$1db56960\$3c5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rats, this whole experience is from 35 years ago. I will think about it. It was pretty caustic stuff. I remember splashing a little on the tops of my thumb. Maybe in the morning.

Vic AD8K

>
>
>Victor,
>
>Solderze was a trade name for Belden magnet wire that had heat removable
>insulation. OK fir RF and IF transformers but spotty for power
>applications. Magnet wire has had many different coverings over the
>years. Personally I like Formvar but that has to be scraped!
>
>73

Date: Fri, 05 Jan 2001 22:50:52 -0500
From: Brian <brian@iquest.net>
To: w7ox@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88035] Re: Small TX Loops Still Amaze
Message-ID: <3A56961C.54F2AD90@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Phil and Dave.....YOU ARE DA MEN!!

This is JUST what I needed this week while traveling in NH.

Thanks!

Phil Wheeler wrote:

>
> david gauding wrote:
> >
> > I have built and used DCTL's since January 3, 1996. My first contact was on
> > 40M with a station in IA while running QRP. The loop was standing in the
> > basement of our condo and next to the operating desk. A couple of nights
> > later the log records that I enjoyed a five minute ragchew with a station
> > in MT while running 5W. Same antenna in the same basement! <g> That's a
> > pretty good hike from St. Louis on 40M and this contact got my attention!
> >
>
> For those who are interested in what a DCTL is there is info at:
>
> http://www.io.com/~n5fc/dctl_ant.htm
>
> and
>
> <http://home.earthlink.net/~mwattcpa/antennas.html>
>
> Phil W7OX

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400

FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

Date: Fri, 5 Jan 2001 20:14:22 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <victor@brecnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88036] Re: Toroid Tribulations
Message-ID: <004901c07797\$271616e0\$88414cd1@johnmori>

> Vic AD8K
> >> I use a candle or a match to burn off most of it, and then tin
> >> the
> >> ends with a *hot* >clean< iron.
> >
> >Same here, except I use a lighter, then sand the rest off by just
folding
> >a small piece of sandpaper in half and pulling it over the exposed
wire.
> >
> >73 de Larry.....WD3P in MD

I use a small solder pot (thanks, Gerry).

72,

John, K6QQ

Date: Fri, 5 Jan 2001 20:17:20 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <hrg@cifnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88037] Re: W0??? book seller
Message-ID: <005901c07797\$90dddcc0\$88414cd1@johnmori>

> Who is the book hamfest book seller that has the W0 callsign? Anyone
have an
> e-mail address too? Tks.

Maybe you are looking for w0tok@msn.com .

72,

John, K6QQ

Date: Fri, 05 Jan 2001 22:46:15 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [88038] Cub Fox Hunt: N0IT January 4 Final Log
Message-ID: <3A56A317.790DD00D@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Attached is final log for the N0IT cub fox hunt on January 4. Thanks again for the hunt and congratulations to the 33 guys who got a pelt. 73 de Dave, N0IT

UTC	CALL	HIS	RST	MY	RST	STATE	NAME	POWER
02:00	N4S0	599		569		AL	KEN	5W
02:01	K5PSH	579		579		TX	JERRY	5W
02:02	K0EVZ	579		579		ND	DOC	5W
02:03	K9IUA	559		559		ND	KEVIN	5W
02:05	AC5JH	559		559		OK	TOM	5W
02:06	N5IB	579		559		LA	JIM	5W
02:08	N1TP	579		559		FL	TOM	5W
02:10	K5DW	579		589		TX	DON	5W
02:11	KK5LD	559		559		TX	DAN	5W
02:12	KF4AR	579		579		NC	RICK	5W
02:13	K5DI	559		549		NM	KARL	5W
02:15	K4BYF	559		559		FL	JACK	5W
02:17	AF4PS	579		589		FL	MAC	4W
02:18	W8YMO	559		559		OH	HARRY	5W
02:22	KC1FB	599		579		CT	JIM	5W
02:24	KG4FGC	559		559		NC	KEN	5W
02:30	WR50	559		599		TX	DAVE	5W
02:31	VA6RF	559		549		AB	EARL	5W
02:35	AA7XA	339		339		OR	FRANK	5W
02:37	K2UD	559		559		NY	HOWARD	5W
02:40	KV4EE	579		559		SC	CRAIG	5W
02:42	KB7WW	559		549		OR	ART	5W
02:44	K50I	559		559		NM	TIM	5W

02:48	N10DL	559	339	NH	ARON	5W
02:54	AA7EQ	579	559	AZ	BOB	5W
03:00	NF0R	559	599	MO	DAVE	50MW
03:04	WA7TQK	559	559	ID	BILL	5W
03:06	KI0II	559	559	CO	RON	5W
03:08	KU4TN	559	559	VA	JAMES	1W
03:21	KC7CTG	559	559	OR	LEE	5W
03:26	WA7SPY	559	559	CA	GLENN	5W
03:27	K4TJD	559	559	GA	TOM	5W
03:33	WE6W	559	549	CA	ED	5W

Date: Sat, 6 Jan 2001 00:25:19 -0500
 From: "ZOOM" <kandRparker@sympatico.ca>
 To: <ooringer@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [88039] Re: Small TX loops still amaze!
 Message-ID: <001901c077a1\$0f7a7ee0\$39cdfea9@einstein>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

I built the trombone loop about 4 years ago and beleive it or not I have never put it on the air. This post has renewed my interest. I did not use teflon for the insulator between the copper tubes for the trombone capacitor. Instead I used clear mylar. I'll have to put it on the analyzer to see what frequency it will tune to. I'm not too confident about the gamma match though! I used 1/4" tubing from the center conductor of the coax connector and the other end soldered onto the loop itself about 12-14" up. Any suggestions for a better matching method? I hope the mylar works as a good dielectric!

Robert Parker
 VE3RPF
 EDUCATED BEYOND MY INTELLIGENCE!

----- Original Message -----
 From: Ed Loranger <ooringer@yahoo.com>
 To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Sent: Friday, January 05, 2001 2:23 PM
 Subject: Small TX loops still amaze!

> Hi gang, with a network analyzer in the shack
 > no doubt you'd be checking your toys as
 > I have been doing.
 >

> The latest victim is the KD7S small loop with
> trombone tuner. Love this thing!
>
> I had loaned it out to a ham living in a mobile home
> and he existed quite nicely on 20 meters with it
> for 6 months. He's off to Electrical Engineering
> college and returned the loop with enthusiasm;
> having built his own copy with 2 inch Cu pipe!
>
> Anyay, I hooked it up to the HP8505A with
> test set. I adjusted the gamma match for a
> 30 db Return loss match! Wow! I added
> 169 pF across the loop to resonate 40 meters
> and got a QSO there too! It isn't designed for
> that band but I had to toy with it :-) The test
> objective was to see how the rerouted gamma
> match worked on 40 meters thru 10 meters.
> 10 meters had a 16 dB return loss so I was
> convinced I had improved the unit.
>
> Basically, the 13 inch, 1/4 in. diameter copper
> gamma match was changed slightly. The pipe
> leaves the coax connection at a 45 degree angle
> for about 4.5 inches then runs parallel to the
> bottom radiating section until it connects to the
> loop. With the loop designed as an octogon, the
> gamma match looks like a parallelogram. So....
> If you have a copper loop with gamma feed, space
> the input by about 4.25 inches from the bottom
> and run it parallel with the bottom (perpendicular
> to the coax input cable), until it connects to the
> inside of the larger loop.
>
> What is interesting is that I've spent the last 15
> days playing with RX loops. I like feeding loops
> with smaller coupling loops and really enjoyed
> determining best size relationships for input match,
> taking measurements on the HP8505A analyzer.
>
> I found, as in the KD7S loop, that the coupling loop
> works best when the bottom of the loop is tightly
> coupled to the radiator, about 1/3rd of the circular
> coupling loop actually taped to the radiating loop!
> It seems the driven coupling loop should be half
> and half, half looking like the bottom of the larger
> loop, and the top half of the driven loop looking like
> the top of the radiator. The bottom conformation
> being most important.

>
> Small TX loops with circumference less than 0.1 wave
> length are known to conform to small loop theory, radiating
> in the plane of the small loop. Coupling loops of 1/5th to
> 1/6th the size of the driven loop are commonly used to
> drive them. I thought I'd see how small I could go with
> the driven loop and still get a good match.
>
> Results: The 1/10th size driven loop provided a 30 dB
> return loss input match. It required tight coupling with
> the bottom of the radiating loop for approx 2/3rds of
> the coupling loop circumference. A slightly larger
> coupling loop required less tight coupling but neither
> the larger or smaller loops were of any difficulty in
> construction. The important information here is that
> the smaller coupling loop I used will most likely least
> interfere with the radiation pattern of the primary, radiating
> loop.
>
> Sizes: One often asks, " I hear of the coupling loop
> being 1/5th or 1/6th 'size', but what size is that?"
>
> Well, it isn't "Area". The answer is to measure the
> circumference of the radiator and make the coupling
> loop circumference 1/5th, 1/6th, or 1/10th that value.
> Similarly, and less accurate due to measurement error
> and out-of-round loop dimensions, you can compare
> Diameter to Diameter. With the coupling loop diameter
> 1/5th, 1/6th, 1/10th the diameter of the radiating element.
>
> It is interesting to note that the length of the gamma match
> on the KD7S loop is slightly *smaller* than 1/10th the
> circumference of the primary radiator.
>
> After all this "Ed-isonian" testing, theorizing etc., I
> dug out some old webpage documents I had found on
> the subject. Of particular interest was the tremendous
> correlation I found on PA3HBB's web pages. I've lost
> the link, sorry. Probably an easy websearch for his work
> titled: "Practical Experiments with Magnetic Loop Antennas"
> by David Reid PA3HBB/G0BZF.
>
> Oh, I was looking into DCTL loops and it is so sad,
> one of the web articles goes on and on how neat the
> antenna is, construction is straight forward but meticulous,
> and the guy is STILL looking for a QSO on it -- Har!
> I do thank him for providing the details however. And
> for Coaxial designed loops, you are best with 100%

> high quality braid! Even with that and an inner foil
> braid, you'll find a wrap of household aluminum foil
> really helps in shielded loops. Use a 30 dB preamp.
>
> Hope this assists you in your experiments with
> small RX and TX loops.
>
> 72/Ed Loranger, WE6W
>
> --
> 72/Ed WE6W; A-1 Op; SOC#63; QRPL#1068
> <http://www.qsl.net/we6w> Santa Rosa, CA
> My 2 pennies worth is just common cents.
>
> -----
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> <http://im.yahoo.com>
>

Date: Fri, 05 Jan 2001 23:56:26 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [88040] Re: Small TX loops still amaze!
Message-ID: <000901c077a5\$6998baa0\$3e2bbcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Robert,

The form of matching that you used will work fine. It just doesn't lend itself to as easy of an adjustment as does a small coupling loop. Most folks call your method of coupling a gamma match but I prefer to call it an autotransformer (tapped inductor) since electrically this is what it represents. If the VSWR at resonance isn't low enough simply adjust the point at which the 1/4" copper tubing is attached to the main loop.

As far as the trombone capacitor is concerned it should work well but I think that it is an overkill for QRP use. It IS needed for 20W or more of output though and probably lends itself to easier remote tuning via a motor driven screw drive assembly. I caught a small loop on fire once with 100W due to a breakdown in the dielectric!

73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Sat, 6 Jan 2001 01:08:03 -0500
From: "ZOOM" <kandRparker@sympatico.ca>
To: <aa5tb@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [88041] Re: Small TX loops still amaze!
Message-ID: <005401c077a7\$07bacba0\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was thinking that if the trombone didn't work well, I would change it to a jennings motor driven cap. I do however like the simplicity of the trombone. I have it motor driven with a brass screw and brass nut soldered to the trombone. This is connected to a piece of clear plastic hose and then coupled to a small geared motor from a precision tape drive. It moves smoothly throughout its range. I may unsolder the end of the gamma match and put on a clamp so I can move it back and forth to find the sweet spot. If this doesn't work then I'll remove the match and connect some type of coupling loop. What do you suggest for that?

Robert Parker
EDUCATED BEYOND MY INTELLIGENCE!

----- Original Message -----
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, January 06, 2001 12:56 AM
Subject: Re: Small TX loops still amaze!

> Robert,
>
> The form of matching that you used will work fine. It just doesn't lend
> itself to as easy of an adjustment as does a small coupling loop. Most
> folks call your method of coupling a gamma match but I prefer to call it
> an
> autotransformer (tapped inductor) since electrically this is what is
> represents. If the VSWR at resonance isn't low enough simply adjust the
> point at which the 1/4" copper tubing is attached to the main loop.

>
> As far as the trombone capacitor is concerned it should work well but I
> think that it is an overkill for QRP use. It IS needed for 20W or more of
> output though and probably lends itself to easier remote tuning via a
motor
> driven screw drive assembly. I caught a small loop on fire once with 100W
> due to a breakdown in the dielectric!
>
> 73,
> Steve Yates - AA5TB
> Fort Worth, TX - EM12gs
> aa5tb@arrl.net
> <http://www.geocities.com/aa5tb>
>

Date: Sat, 6 Jan 2001 18:07:56 +1100
From: "Graeme Zimmer" <gzimmer@bigpond.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [88042] Home Brew PSK31
Message-ID: <000701c077af\$663b0520\$8b5b868b@zimslaptop>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks,

If you are interested in Home Brew PSK31 you may wish to visit my Web Page
at..

<http://www.users.bigpond.com/gzimmer/>

Cheers Zim VK3GJZ

Date: Sat, 06 Jan 2001 06:40:54 -0500
From: Rick Sealey <rsealey@northstate.net>
To: gzimmer@bigpond.com, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [88043] Re: Home Brew PSK31
Message-ID: <4.1.20010106063001.0098f970@mail.northstate.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is pretty impressive. Now, if we had just one more additional circuit to decode keyboard signals (from either a standard keyboard or one for Palm PDAs) and generate PSK-31 tones, we could combine Zim's receive decoder, the keyboard decoder, one of those folding keyboards(!) designed for use with Palm PDAs, a Warbler or one of the PSK series radios, and bingo, you've got a serious portable PSK-31 setup with visual display.

Rick - W4SEA
High Point, NC

At 06:07 PM 01/06/2001 +1100, Graeme Zimmer wrote:

>Hi Folks,

>

>If you are interested in Home Brew PSK31 you may wish to visit my Web Page
>at..

>

> <http://www.users.bigpond.com/gzimmer/>

>

>

>Cheers Zim VK3GJZ

Date: Sat, 6 Jan 2001 06:48:16 EST
From: K4YBB@aol.com
To: qrp-1@lehigh.edu
Subject: [88044] Re: Home Brew PSK31
Message-ID: <90.e77c255.27886000@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It was only a mater of time.

Date: Sat, 6 Jan 2001 07:55:37 -0500
From: "Christopher Cox" <coibox@urec.net>
To: <rsealey@northstate.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88045] Re: Home Brew PSK31

Message-ID: <20010106075300.SM00344@CBX-NT>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> This is pretty impressive. Now, if we had just one more additional
circuit
> to decode keyboard signals (from either a standard keyboard or one for
Palm
> PDAs) and generate PSK-31 tones,

Naw, too clumsy. A Morse Code/Paddle in -> PSK out would be the ticket, and
easy to do as well.
The ultimate keyer PIC, Keyer in mode A, PSK31 in mode B, MFSK in mode C.
Heck, with a clean tone, the HTX-10 CW problem would be solved as well.
Cool idea.

Before you ask, No I cannot write it, my plates full right now writing C
and Java Apps to put food on the table..... Maybe later.... Much later....

Christopher Cox
KC8FRJ

Date: Sat, 06 Jan 2001 12:57:13
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-1@lehigh.edu>, "Tim Sprouse" <n4cnu@home.com>
Subject: [88046] Re: RadioKit 1/4/01 - Debug Deja Vu - 2
Message-ID: <200101061257.GAA62917@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

Here is Tim's second report. Are we reading some familiar things? :-)

I neglected to post his email address in the first report. It is:

n4cnu@home.com

Larry KA5T

--Original Message Text---

From: Tim Sprouse

Date: Sat, 6 Jan 2001 00:12:57 -0500

I finished rewiring the rig, hooked it up and decided to go for broke. I have it hooked to a power supply with the current limiter set to limit current flow to around 100ma, and a current meter in the B+ line. But first I check the B+ input with an ohm meter. It reads very high over 100k ohms. I'm not sure what I should see, but I know from experience it shouldn't smoke (right?). I don't have the headphones hooked up at this time, since I've learned from shorted audio outputs and coupling caps, not to mention wiring errors that it's wise not to plug them in quite yet. Switch on. I slowly bring the voltage up while watching the current meter, 10, 20, 30, 40ma. The voltage has reached 14 volts. No smoke! I touch the 12 volt regulator, IC's and smaller regulators with my finger and they all run cool. I plug in the headphones and only hear one side, drat it's a mono jack, I'll get a replacement tomorrow. Bingo I hear hiss. Volume control works, wide narrow switch appears to work, RIT and tuning seem to have no effect. Time to inject an RF signal (who am I kidding). I set the service monitor to generate an RF signal at 7.040 at 707uv, surely with this much drive I'm sure to hear something. Nada. I now rock the generator from 6.5Mhz thru to 7.5Mhz. Nada. Ok, time to return to reality. Conventional trouble shooting techniques call for starting at the audio end and working your way back to the front end. With that in mind I immediately start at the front end. (call it a hunch, or just impatience). I put my volt meter probe on the NE602 legs and what I find is nothing, not volt one. Alright, let's look at the 78L05 regulator that's supplying the IC. I find 11.86 volts on it's input and nothing on it's output. Close examination shows the 78L05 to be an MPF102 FET. Time to unhook every thing and look at component placements, there's sure to be more. I find an NTE451 transistor where the MPF102 is supposed to be. I remove the 451 and reinstalled the 102 in it's place. Further investigation finds a few more substitutions of

transistors.

I'll deal with them later, if need be. I have several NTE977 five volt regulators.

I'll

just solder one in. But that will have to wait till later. Tim

Date: Sat, 6 Jan 2001 08:23:20 -0500

From: John R Kirby <n3aaz-qrp@juno.com>

To: qrp-1@Lehigh.EDU

Subject: [88047] Re: Home Brew PSK31

Message-ID: <20010106.082423.-157995.2.n3aaz-qrp@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Already done by George (N2APB) see QRPP couple issues back.

> A Morse Code/Paddle in -> PSK out would be the ticket . . .

John

N3AAZ

FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 6 Jan 2001 14:25:52 +0100

From: "Nico Vertriest" <nvcw@village.uunet.be>

To: "qrp-1" <qrp-1@LeHigh.edu>

Subject: [88048] Kitchin's regen receiver

Message-ID: <000701c077e4\$4ecbc5c0\$ee01bed4@immvu>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello all,

I just built the regen receiver featured in Charles Kitchin's article in QST of September 2000. I used an air variable capacitor of 150pF, and the fine tuning option described in the text. I get strong signals and a lot of stations, but the selectivity is very poor. Also adapting the regen control doesn't seem to make a lot of difference. Does anyone know how this can be corrected or what could be done to improve its selectivity ?

Thanks in advance.

73

Nico
ON4CIV

Date: Sat, 6 Jan 2001 14:29:47 +0100
From: "Nico Vertriest" <nvcw@village.uunet.be>
To: "qrp-l" <qrp-l@LeHigh.edu>
Subject: [88049] Kitchin's regen receiver
Message-ID: <000d01c077e4\$bdb6da60\$ee01bed4@immvu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Another problem I have with my regen project : when I remove the leads to the variable capacitor, it hardly makes any difference in selectivity (or absence of selectivity) . What error could be the cause of that ?

73

Nico
on4civ

Date: Sat, 06 Jan 2001 08:39:20 -0500
From: Rick Sealey <rsealey@northstate.net>
To: n3aaz-qrp@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [88050] Re: Home Brew PSK31
Message-ID: <4.1.20010106083206.00994d30@mail.northstate.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Yes, George's design is clever and done well, always. But I do disagree with Chris's assertion it would be too clumsy to use a small keyboard and display. It seems like an ideal travel setup to me. Not everyone wants to do PSK-31 and CW at the same time. (I don't think.)

Rick - W4SEA
High Point, NC

At 08:23 AM 01/06/2001 -0500, John R Kirby wrote:

>

>Already done by George (N2APB) see QRPP couple issues back.

>

>> A Morse Code/Paddle in -> PSK out would be the ticket . . .

>

>John

>N3AAZ

>FM 19 xa

Date: Sat, 6 Jan 2001 06:58:41 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Rick Sealey <rsealey@northstate.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88051] Re: Home Brew PSK31
Message-ID: <Pine.LNX.4.31.0101060656350.853-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Putting a key with PSK-31 is already done with digipan ver 1.2 at least. My macral for signing out includes my call sent in cw. It works just fine and makes it easy to tell who I am.

On Sat, 6 Jan 2001, Rick Sealey wrote:

>

> Yes, George's design is clever and done well, always. But I do disagree
> with Chris's assertion it would be too clumsy to use a small keyboard and
> display. It seems like an ideal travel setup to me. Not everyone wants to
> do PSK-31 and CW at the same time. (I don't think.)

>

> Rick - W4SEA
> High Point, NC
>
> -----
> At 08:23 AM 01/06/2001 -0500, John R Kirby wrote:
> >
> >Already done by George (N2APB) see QRPP couple issues back.
> >
> >> A Morse Code/Paddle in -> PSK out would be the ticket . . .
> >
> >John
> >N3AAZ
> >FM 19 xa
>
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 6 Jan 2001 14:43:56 -0000
From: "Richard Matthews" <prm@hiwaay.net>
To: <nvcw@village.uunet.be>, "q" <qrp-1@Lehigh.edu>
Subject: [88052] Re: Kitchin's regen receiver
Message-ID: <002701c077ef\$1a238b40\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just built the regen receiver featured in Charles Kitchin's article in QST
> of September 2000. I used an air variable capacitor of 150pF, and the
fine
> tuning option described in the text. I get strong signals and a lot of
> stations, but the selectivity is very poor. Also adapting the regen
control
> doesn't seem to make a lot of difference. Does anyone know how this can
be
> corrected or what could be done to improve its selectivity ?
> Nico
> ON4CIV

I also just finished building the Kitchin Regen receiver and here is what I found.

To maintain selectivity it is important that one follows the design fairly closely, particularly in relation to the antenna. the design calls for a 39" whip, this is important in that a variation can load down the collector of Q1 and even change the capacitance across C1 which will reduce the tuning range of the receiver and affect selectivity.

Also a lower capacitance variable capacitor like a 100pf max would increase your selectivity although limiting your tuning range.

This project seems to lend itself to experimentation to improve it's operation but to get a really better regen, Mr. Kitchen offers an improved, but more complicated design for those who want something more than a simple regen . . I have it on my building bench right now and I'm looking forward to seeing it's characteristics.

Richard WA4NWW

Date: Sat, 6 Jan 2001 07:50:58 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88053] FS: psk-80 Warbler (regrettably)...
Message-ID: <0E46mUR7BED0kpB9pbK000002cb@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

...\$45, unassembled as I received it from NJQRP club. (If you wish, I'll do the board assembly for you \$20. You can do the case work to suit you taste.)

* * *

I just can't get a good signal out on 80m. Not enough room at my QTH for a decent 80m ANT. (Patio Home) I tried using my KNWD 570 on 80, (my MFJ 949 can tune my attic doublet) but even at 10-20W I still can't be heard. And, when I crank up the power that high, stray RF in the shack causes the computer to go wacko (It's a technical term for malfunction! ;-)

Oh well, nothing ventured nothing gained. Still good to go 40 above!

73, Rod N0RC
Ft Collins CO

Date: Sat, 06 Jan 2001 08:58:34 -0600
From: Steve Bauder <sbauder@win.bright.net>
To: qrp-l@Lehigh.EDU
Subject: [88054] Is it OK to ground cap's rotor?
Message-ID: <3A57329A.B7939080@win.bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just finished mounting a very nice double-bearing variable capacitor for the VXO in my MS-15. I noticed that the stator is mounted on ceramic and the rotor is connected directly to the metal mounting posts. I've always grounded the stator in previous projects. I'm wondering if there is a price to pay for grounding the rotor instead of the stator?

Thanks!
Steve, nx9z
Boyceville, WI

Date: Sat, 6 Jan 2001 09:57:50 -0500 (GMT+5)
From: <wd9eyb@butler.qrp.com>
To: qrp-l@lehigh.edu
Cc: wvara@butler.qrp.com
Subject: [88055] FS: Assembled Norcal 40A (fwd)
Message-ID: <Pine.LNX.3.95.1010106095632.14787C-100000@butler.qrp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Oops! Dave's email is voltmer@rose-hulman.edu.

Jim, WD9EYB

----- Forwarded message -----
Date: Fri, 5 Jan 2001 09:55:16 -0500
From: wvara@butler.qrp.com
To: wd9eyb@butler.qrp.com
Subject: FS: Assembled Norcal 40A

Originally From: <wd9eyb@butler.qrp.com>
Recipients: 60

I have a friend that has 3 assembled and tested Norcal 40A's for sale. These units were assembled in a class by students. Dave Voltmer is my friend and a professor that taught the class. The units have been on the air and have made QSO's. Dave wants about \$100.00 for each one plus shipping. He will also send the manual that came with the kit. Dave isn't a ham although he should be. I've been working on him to get a license but I haven't succeeded yet. Other hams on the faculty, WB9Q and N9LN, used the rigs to make QSO's. Anyway you need to contact Dave to make arrangements to buy the rigs. Please don't contact me. Well, you can if you want but it won't help you get a rig. Here's Dave's contact information.

Dr. David R. Voltmer
Professor of Electrical and Computer Engineering
Rose-Hulman Institute of Technology
(812) 877-8289
voltmer@rose-human.edu

Thanks,

Jim, WD9EYB

====-====

To unsubscribe from this list, simply send a message to wvara@butler.qrp.com with only "unsubscribe" in the subject of that message.
E-Mail Address: <mailto:wvara@butler.qrp.com>
Digest URL: <http://butler.qrp.com/~wvara>

Date: Sat, 6 Jan 2001 07:07:23 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <sbauder@win.bright.net>, "Low Power Amateur Radio Discussion" <qrpl@Lehigh.EDU>
Subject: [88056] Re: Is it OK to ground cap's rotor?
Message-ID: <016401c077f2\$60cfdc80\$6e98b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Steve,

It's been my experience that grounding the rotor is better and that you are less likely to experience pulling due to body capacitance when you go to adjust it. Hope this helps. Take care...

73

Trev

KG6CYN

----- Original Message -----

From: Steve Bauder <sbauder@win.bright.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Saturday, January 06, 2001 6:58 AM

Subject: Is it OK to ground cap's rotor?

> I just finished mounting a very nice double-bearing variable capacitor
> for the VX0 in my MS-15. I noticed that the stator is mounted on ceramic
> and the rotor is connected directly to the metal mounting posts. I've
> always grounded the stator in previous projects. I'm wondering if there
> is a price to pay for grounding the rotor instead of the stator?

>

> Thanks!

> Steve, nx9z

> Boyceville, WI

>

>

Date: Sat, 6 Jan 2001 10:06:21 -0500 (GMT+5)

From: <wd9eyb@butler.qrp.com>

To: qrp-l@lehigh.edu

Cc: wvara@butler.qrp.com

Subject: [88057] Portable Antenna Mast Stands

Message-ID: <Pine.LNX.3.95.1010106100332.14787F-1000000@butler.qrp.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I was in the store this morning and they had some nice portable antenna mast stands for only \$2.50, so I bought some.

The stands were mislabeled as "Christamas Tree Stands". :-)

Jim, WD9EYB

Date: Sat, 6 Jan 2001 09:18:13 -0600
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [88058] FOX - N5TW Final Log (Hopefully)
Message-ID: <005601c077f3\$e3dacee0\$4b21f0cd@g517v>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is the final log for my fox hunt... Thanks for the corrections - the biggest was not Logging KC1FB who I remembered working... That brings the QSO total to 101. Thanks again for the opportunity!

Tom Whiteside
N5TW Georgetown, TX

Date: Sat, 06 Jan 2001 09:57:50 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88059] Re: Kitchin's regen receiver
Message-ID: <001d01c077f9\$6ce3bbc0\$90773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Nico,

Make sure that you are not using more of an antenna then what the circuit calls for as Richard has mentioned. If it calls for a short whip (e-field probe) don't try to connect a longwire or other full size antenna to the receiver without serious reduction in the antenna coupling.

If this is not the problem then you may have a wiring problem as this is not a normal characteristic of a regenerative receiver.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Sat, 6 Jan 2001 09:08:21 -0700
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Flying Pigs" <fpqrp-1@mpna.com>, <elecraft@qth.net>
Subject: [88060] Fw: Warbler fun: SAT 06-Jan-2001
Message-ID: <OE48DgC81TbdkSmLAzt00006d7d@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="Windows-1252"
Content-Transfer-Encoding: 7bit

We are at 18107.5 look for us.

73, Rod N0RC
Ft Collins CO

----- Original Message -----

From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 03, 2001 09:55 PM
Subject: Re: Warbler fun: SAT 06-Jan-2001

> ...18107 KHz +/-, BE THERE!!!! Watch out for the beacons at 18100!
> 8,9,10,11am, PST, MST, CST, EST, respectively. Lets see, that's
1600z for
> the local time zone challenged. ;-)
>
> Don't forget this coming Sat we're going to try some "WARC"
Warblin'. No
> special gear needed, run what ya brung & keep it under 5 or 10 watts
if you
> can, just a suggestion not a requirement. First one there takes net
control,
> now don't all rush to be last! ;-)
>
> If we get this thing going be prepared to give your "PSK Brag" (Rig,
Power,
> S/W yada yada yada...) when its your turn to Warble. And just to
keep it
> interesting and different. Tell us in 25 words or less your favorite
> transistor type and why.
>
> 73, Rod N0RC
>
> Anybody remembet the 2N107?

>
>
>
> >From: NB6M@aol.com
> >Reply-To: NB6M@aol.com
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Subject: Re: Warbler fun
> >Date: Fri, 22 Dec 2000 11:32:40 EST
> >
> >Hi Rod,
> >
> >6 January 2001 sounds OK to me as a trial sked, 9 AM your time
would be 8
> >California time, 10 Central time, etc, which would be 1600 UTC,
correct?
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>
>
>

Date: Sat, 6 Jan 2001 11:31:10 -0500
From: "Christopher Cox" <cobox@urec.net>
To: <rsealey@northstate.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88061] Re: Home Brew PSK31
Message-ID: <200101061128890.SM00344@CBX-NT>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> Yes, George's design is clever and done well, always. But I do disagree
> with Chris's assertion it would be too clumsy to use a small keyboard and
> display.

Hi Rick,

Just thought that a key, or set of paddles, would make for a smaller foot
print and/or more available around a radio. I have been toying around with
the notion of using such a set up for Field Day.

Just received my Palm Visor from the Merry Old Elf (read XYL) and would
love using it as the read out. (Ho Ho Ho)

Regards

Christopher Cox

Date: Sat, 6 Jan 2001 16:40:05 -0000
From: "Richard Matthews" <prm@hiwaay.net>
To: <aa5tb@arrl.net>, "q" <qrp-1@Lehigh.edu>
Subject: [88062] Re: Kitchin's regen receiver
Message-ID: <001901c077ff\$543fb140\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Make sure that you are not using more of an antenna then what the circuit calls for >

> If this is not the problem then you may have a wiring problem > Steve Yates - AA5TB

Driving the 2N2222 into regeneration also caused me a bit of a problem due to an error I made in putting a larger resistor than was called for in the circuit between the transistor and the regen control pot. Even a few hundred ohms makes a difference.

I really like the varactor fine tuning control that Kitchin came up with for the little receiver, I wish it was a bit broader. I used a 365pf tuning cap and it really makes for quick tuning of the main control.

This little project is great for anyone like me who has never dabbled much beyond fairly straight forward kits of the Heath and SWLabs variety and I guess there are some older hams around like me who sort of stepped back from the modern integrated circuit theory and design that could wet their feet by building and trying to understand the complexities of even a small receiving circuit like this one. As Kitchin said, although this circuit contains few components it is not simple and evolved from many years of his experimentation.

But right now I have bigger problems, I have a Warbler that won't warble. Am I the only one that built one of these and is having trouble getting it to sing? I have able help in Dave and Steve but so far the little bird only hisses instead of warbling.. I know the oscillator in U1 is not oscillating. I've verified I have the right caps and they are good in the nearby circuit. Right now I am swapping out the involved crystal and if that doesn't work, the next thing to suspect is U1 itself . . yes I've checked for all those obvious errors we are prone to make.

Thank the electronic construction gods for solder braid and durable circuit board traces and components.

Back at it I'll find the culprit yet and if I can't Steve can.

73,

Richard WA4NWW

Date: Sat, 6 Jan 2001 10:52:37 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>, Bruce Rattray <rattray@gpfn.sk.ca>
Subject: [88063] FOX - Team Results - correction1 -
Message-ID: <Pine.LNX.3.95.1010106105023.1348C-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...missed N5ET....adds 1 more point + Clean Sweep for Bayou City boys...

In memory of Joel, K1QM(SK) -

...Hunt #21 - N2WW -

The Raiders of the Lost RF - 46	The Big Dawgs - 97
Mary - NA6E	ET - N1FN *
Fred - VE3FAL	Tom - N5TW *
Rob - VE6JAZ	Larry- N2WW * Clean Sweep
Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC *	Bob - N6WG *
The ScQRPions - 85	The Flying Pigs #1 - 27
Floyd - NQ7X *	Diz - W8DIZ
Brian - K7RE *	Rick - WB6JBM
Conard- WS4S *	Dan - N8IE *
Chuck - K7QO	Brian- KB9BVN
Bob - NK7M *	Dave - WR50 *
The Cheeseheads - 94	The Houston Hounds - 92
Brian - AE9K *	Bill - K5ZTY *
Jerry - N9AW *	Bill - W5SB *

Rick - NK9G * Clean Sweep
Lou - W9XU *
Jim - WA9TZE *

Terry- KQ5U * Clean Sweep
Dan - KK5LD *
Danny- WA50JE *

The New England Hunt Club - 34
Joel - K1QM(SK)
John - K1JD *
Jim - KC1FB *
Aron - N10DL
John - KB1ENS *
Seab - AA1MY

The Swamp Rats - 68
Paul - K4FB *
Jack - K4BYF *
Pete - NV4V *
Fred - W2XN
Tom - N1TP *

The Buffalo Wings - 30
Mark - K2QO *
Dave - AA2PF *
Howard- K2UD
Bob - K2VNM
Scott - AC3A *

The Bayou City Brass Pounders - 96
Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 13
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF

The Fox Terrors - 88
Tim - K5OI *
Don - K5AAR *
Karl - K5DI * Clean Sweep
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 53
Joel - KE1LA
John - K5JS *
Wayne - K5E0A *
Jim - N5IB *
Tom - AC5JH *

The Underdogs - 65
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW *
Glenn - WA7SPY
Ron - KI0II

The VA Hams + OLW - 2
Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD * YaaaH00000!!!!
John - W4IM
Paul - W2RIA

The NE-TX Tornados - 74
Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW *
George- W5YR *
Rich - N5JI

The Minnesota North Stars - 84
Mert - W0UFO *
Scott- N0AR *
Craig- AA0ZZ * Clean Sweep
Jim - N0UR *
Pat - K0PC *

The Cockroaches - 4
Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN * YeeeeHAWWWWW!!!!

The Night Owls - 28

Thom - WI8W

Jim - KJ0C

Ed - N4XY

Ronnie- KE4VPN

John - K7FD/K7LOW *

The Terminators - 22

Bill - NT1R

Thaire - W2APF *

David - K7EL

Bob - N7XY

Anthony- K8ZT *

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Sat, 6 Jan 2001 10:19:12 -0700

From: "Rod Cercone" <n0rc@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [88064] SOLD! Re: psk-80 Warbler (regrettably)...

Message-ID: <OE7yGyfPniy0wUHZPqx000079ca@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SOLD! And it didn't take long! This Warbler will be flying south to sunny/warm Florida, lucky rig! ;-)

73, Rod N0RC
Ft Collins CO

----- Original Message -----

From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 06, 2001 07:50 AM
Subject: FS: psk-80 Warbler (regrettably)...

> ...\$45, unassembled as I received it from NJQRP club. (If you wish,
> I'll do the board assembly for you \$20. You can do the case work to
> suit you taste.)
>

...

Date: Sat, 6 Jan 2001 12:22:27 EST
From: NB6M@aol.com
To: rsealey@northstate.net
Cc: qrp-l@lehigh.edu
Subject: [88065] Re: Home Brew PSK31
Message-ID: <a7.a90cecc.2788ae53@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I agree. If I am going to send and receive with a paddle, I am going to be sending and receiving CW over the air. At least that way I can decipher it with my own ears, hi hi.

Wayne NB6M

Date: Sat, 06 Jan 2001 12:30:43 EST
From: Kevin L Anderson <k9iua@juno.com>
To: qrp-l@lehigh.edu
Subject: [88066] Is this our interference?? Iraq/Iran jammers...

Message-ID: <20010106.112830.5367.2.K9IUA@juno.com>

QRP-L folks:

In the ARRL letter that came Friday, a news item was included regarding a SWBC jammer, and I was wondering if this is the interference that we experience around 7040 during Fox hunts. This one is between Iran and Iraq as they are jamming each other. Apparently they frequency hop to try to avoid each other. The broadcasts involved are all in the 39m SW band, which overlaps our 40m band (but normally wouldn't drop below 7100).

Karl was otherwise talking about a radar in Canada, and I know he has been mum on the topic lately as he has been trying to correpond with them on the timings of their use and our interference.

Just wondering. Back to QRP ops. At this end I'm enjoying a used Ten Tec Argosy 525D that I just picked up. Used it in Thursday's Foxhunt and so far I'm enjoying it. I've also been getting on the SSB QRP calling frequencies lately (both 14285 and 21385) and giving a shout to see who can hear me. So far I've had several contacts, only two of which were QRP, but had a special one just before the NW7DX foxhunt where I worked W2PE, the Radio Assn of Western NY in Buffalo -- they had just turned on their 100w rig to give a demonstration to a class of 4 students who they were educating for taking the Tech license test, and I got to "impress" the students (potential new hams) of what 5watts QRP can do even on SSB -- that was fun! So if you hear CQ, K9IUA QRP in North Dakota" that is me -- give me a shout back.

Cheers/73. Kevin, K9IUA

Kevin Anderson, K9IUA, Lincoln/Bismarck ND
e-mail: K9IUA@juno.com Opinions all my own.

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 6 Jan 2001 12:31:13 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [88067] PSK qrp-1 Net a Success
Message-ID: <20010106.123243.-173605.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

First qrp-1 PSK Net was a success with
coast (11AM L) to coast (8 AM L)
QRP/PSK with a couple in between
TNX to Rod N0RC
Sat, 06Jan01, 1600Z, 18.107.5

NB6M, Wayne, Concord, CA
KQ0I, Mark, Des Moines, IO
N0RC, Rod, Ft Collins CO
N3AAZ, John, Eastern Shore of MD
(90 miles from Ocean City)

Good start Rod and
TNX guys, I had fun . . .

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 06 Jan 2001 17:42:47
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [88068] FS: Another psk-80 Warbler kit
Message-ID: <F163EgvPGuk0pgkEuNp0000cf28@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Folks,

I'm in the same boat as Rod N0RC w.r.t. 80m, so I'm offering the same deal as him:

\$45, unassembled or I'll go ahead and do board assembly for \$20 for you.
I'll pick up shipping.

73,
Jerry
W0MC
Fort Collins, CO

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sat, 6 Jan 2001 10:47:06 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88069] Re: PSK qrp-1 Net a Success
Message-ID: <0E10MFaukyCKDkb9pPF000000ee@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="Windows-1252"
Content-Transfer-Encoding: 7bit

TNX John & all.

First, did anybody copy us and not have luck being heard? Anybody just listen? Please let me know.

Later today I'll post a more detailed summary and some proposed changes to how we might make this work better.

73, Rod N0RC
Ft Collins CO

----- Original Message -----

From: "John R Kirby" <n3aaz-qrp@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 06, 2001 10:31 AM
Subject: PSK qrp-1 Net a Success

>

> First qrp-1 PSK Net was a success with
> coast (11AM L) to coast (8 AM L)

Date: Sat, 6 Jan 2001 11:54:01 -0600
From: "Jim Gelbort" <jamesgelbort@worldnet.att.net>
To: <gzimmer@bigpond.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88070] Re: Home Brew PSK31
Message-ID: <00a201c07809\$a804cea0\$6500a8c0@rob>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Zim and group,

If there is enough interest, I would be glad to take on the Palm OS programming portion of a handheld PSK I/O device using the hardware approach taken either by Zim or George(N2APB). I am a developer of Palm software and would enjoy working on an innovative ham project like this. If anyone feels like coordinating the effort, please email me off-list. Nifty design, Zim!
Thanks,

Jim Gelbort
N9WW

----- Original Message -----

From: Graeme Zimmer <gzimmer@bigpond.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, January 06, 2001 1:07 AM
Subject: Home Brew PSK31

> Hi Folks,

>

> If you are interested in Home Brew PSK31 you may wish to visit my Web Page
> at..

>
> <http://www.users.bigpond.com/gzimmer/>
>
>
>
> Cheers Zim VK3GJZ
>

Date: Sat, 6 Jan 2001 13:01:14 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [88071] WA3WSJ/m on AT 7.040
Message-ID: <00f501c0780a\$aa692f00\$070a5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well I heard Ed give one CQ at 17:54 UTC
on 7.040 MHz.

Then I did not hear him again. I think he is
in his truck mobile.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
 <http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Sat, 6 Jan 2001 13:13:32 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [88072] Re: WA3WSJ/m on AT 7.040
Message-ID: <010e01c0780c\$61b0eee0\$070a5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

18:09 UTC

I just talked to Ed on the phone. He had to turn around and hike back out as soon as he arrived at his operating location.

Apparently the dog, Trevor, was shaking so bad Ed had to abandon his operating time to get the dog back to the truck. So Ed was never on the air.

72 & 73
Ron de WB3AAL
www.n3epa.org

Date: Sat, 6 Jan 2001 10:29:40 -0800
From: Mike&Paula <herr@ridgecrest.ca.us>
To: qrp-l@Lehigh.EDU
Subject: [88073] Need FT 50-43 core
Message-ID: <200101061829.f06ITeM24324@castor.ridgenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,

I am in the middle of a project and have discovered that I am short two FT 50-43 cores. Anyone out there have a couple they would like to trade for T 50-2 or T 50-6? And for a limited time I'll give 2 for 1! If so please Email me direct.

72
Mike WA6ARA
herr@ridgecrest.ca.us

Date: Sat, 6 Jan 2001 13:47:56 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [88074] Fw: WA3WSJ AT Snow Trip Unsuccessful and Here's Why!
Message-ID: <014101c07811\$2fcb3e80\$070a5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all:

I'm sorry to say that my first AT snow trip was a bust. I arrived at the trail around 10:15am and Trevor and myself hiked north on the AT for about an hour. We arrived at the first campsite and I started to set up my antenna. I had the center up and I was working on one leg of the antenna when I glanced down at my buddy Trevor. He was shaking very badly and I knew that I had to get him moving again or he would be in trouble. I had to make a decision - operate or kill the dog! I packed up my gear and Trevor and myself hiked back out to Rt.183 to the truck and heat. Trevor had about an inch of hard packed snow on his legs and belly. I couldn't get it off because it was frozen to his hair.

You'll be glad to know that after a warm shower Trevor is A-OK! I fed him some food and he is sleeping at my feet as I type this email.

Here are some points of interest on AT snow hiking:

- 1: the snow helps with the rocks; smoother trail
- 2: 4" of snow didn't slow me down much
- 3: there's plenty of deer up there
- 4: Trevor's water bottle started to freeze after about 30 minutes out
- 5: my water bladder which was in my backpack was ok; Trevor's was on outside of pack- a no-no.
- 6: dogs have a ball while their moving, but after they stop- heat source is needed for them.
- 7: a chair or stool is a must - don't sit on the ground; way to cold. I had a small folding fishing seat.

Well guys I'm sorry that I didn't make a single Q, but I will try it again so stay tuned and look for WA3WSJ in the snow on the AT soon!

72,

Ed, WA3WSJ

Date: Sat, 06 Jan 2001 11:27:03 -0800
From: Ed Loranger <ooringer@yahoo.com>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [88075] Re: Small TX loops still amaze!

Message-ID: <3A577187.41F95D20@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is for Wes/W7zoi:: your teleport email bounced
so I've posted this to qrp-l.

Hi Wes, I think it is in the August 1994 QST issue.
Somewhere in there for 1994. Maybe 1996? Hmmm,
all I can say is Bill, KD7S gave it to me and he wrote
the article.

I've copied this to Bill.

mailto:kd7s@psnw.com

What is funny is I've duplicated some work
I did on my spiral wound 160 Meter loop on
my webpage. It uses a 1/10th coupling loop
too! 44 foot of wire radiator and 4 foot coupling
loop. What is old is new again :-) But when I
measured the 160 meter antenna, all I had was
a swr meter, now the Network Analyzer boosts
my confidence on these measurements.

Oh, Bill, thanks for the note :-)
72/Ed we6w

--

72/Ed WE6W; A-1 Op; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sat, 06 Jan 2001 20:02:09
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@lehigh.edu, k5di@qsl.net
Subject: [88076] CUB FOX -- Final Log 01/02/01 Hunt
Message-ID: <F160P8yJrNKBqujsc1W000009f6@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Here's the final log from Monday's hunt. Thanks again to all the hounds!

73,
Jerry
WQMC

Cub Fox Hunt
01/02/01 0200Z

TIME	CALL	RST	ST NAME	PWR
0202	W9WIS	559	WI MIKE	5W
0205	K0EVZ	579	ND DOC	5W
0207	AC5JH	559	OK TOM	5W
0209	K5DW	579	TX DON	5W
0213	WB8ICN	579	MI MIKE	5W
0218	K9IUA	559	ND KEVIN	5W
0222	K5PSH	559	TX JERRY	4W
0224	W9UQB	559	AZ MIKE	5W
0226	K5DI	579	NM KARL	5W
0235	WR50	569	TX DAVE	5W
0242	KD7CFN	339	OR LEE	5W
0247	KB7WW	559	OR ART	5W
0253	W3CD	559	CA BOB	5W
0301	K5OI	579	NM TIM	5W
0306	AF4LQ	559	KY MIKE	5W
0313	W0CH	339	MO DAVE	5W
0316	AA7EQ	559	AZ BOB	5W
0320	AA7XA	559	OR FRANK	5W
0325	N0RC	599	CO ROD	1W (17.6W/mile or 300 ft/watt :-)
0355	K7LOW	559	OR JOHN	5W

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sat, 6 Jan 2001 14:39:59 -0600
From: "Michael Melland" <badger@vbe.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88077] Free: Agilent (HP) T&M Y2K Catalog
Message-ID: <001101c07820\$d715f180\$1e824d40@default>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just received my new 2001 Agilent (HP) Test and Measurement Catalog so...
I have a like new 2000 catalog, hard cover 608 pages with CD ROM that I'll
ship book rate to anyone who might want it.... just reimburse my mailing
costs. To be honest I really don't know but Agilent may even give these
away but I'd be surprised 'cause they'd be a pretty expensive advertising
write off (in my experience they don't give anything away they can still
charge for <grin>). Let me know...

Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
QRP-L # 1656 QRP-ARC # 9875
SOC # 142 IPARC # 252
<http://www.vbe.com/~badger>

Date: Sat, 6 Jan 2001 14:00:17 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [88078] N0RC QRV near 24.950 2100-2300z
Message-ID: <OE59TyfPefLJGWSa1aN00008ad1@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With 817, pw-1 @ 5W

73, Rod N0RC
Ft Collins CO

Date: Sat, 6 Jan 2001 16:31:15 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: kandRparker@sympatico.ca
Cc: qrp-l@lehigh.edu
Subject: [88079] Re: Small TX loops still amaze!
Message-ID: <200101062105.QAA03885@wolf.ncia.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Robert, et all,

> I built the trombone loop about 4 years ago and beleive it or not I have
> never put it on the air. This post has renewed my interest. I did not use
> teflon for the insulator between the copper tubes for the trombone
> capacitor. Instead I used clear mylar. I'll have to put it on the analyzer

Sounds exactly like what I did. Built a 3 ft dia loop with 1" water pipe a few years ago, used mylar transparency film for the cap dielectric, even built the motor driven screw to tune it, with limit switches and a remote control box. Enclosed the cap section in a plexiglass box to keep the Wx out of it. But never put it up in the air, as I'm afraid moisture will still get into the trombone and freeze up durring the winter. It's just hanging on the wall now.

My gamma match is like that shown in the antenna book, 1/4" pipe soldered half way up the first leg from the bottom. Someday, I'll make a PVC pipe stand for it and see if it works!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sat, 06 Jan 2001 16:50:53 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: FPQRP <fpqrp-1@mpna.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [88080] QRP and Chile
Message-ID: <3A57933D.F839A247@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Look for K4FB on the air tomorrow (7Jan01) starting around 1700z near the normal QRP frequencies. My local radio club is having a Chile Cookout/Picknic. K4BYF, AD4IH, W2XN and I will be taking along qrp gear and antennas.

I especially would like some reports on 20m. I will be trying out a 1/2 square deployed with two of the SD-20 poles. I'm hoping for that to be an easy to deploy 20m antenna that offers good performance.

We'll have a 44' doublet fed with twin lead on a DK9SQ mast for the other bands. Hope to work many.

I'm sure we will have a gas.

73

Paul K4FB

Date: Sat, 06 Jan 2001 16:50:47 -0500 (EST)
From: "John L. Sielke" <w2agn@pobox.com>
To: Paul Womble <pwomble1@tampabay.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, FPQRP <fpqrp-1@mpna.com>
Subject: [88081] RE: [fpqrp] QRP and Chile
Message-ID: <XFMail.010106165047.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

On 06-Jan-01 Paul Womble wrote:

> Look for K4FB on the air tomorrow (7Jan01) starting around 1700z near
> the normal QRP frequencies. My local radio club is having a Chile
> Cookout/Picknic. K4BYF, AD4IH, W2XN and I will be taking along qrp gear
> and antennas.
>
> I especially would like some reports on 20m. I will be trying out a 1/2
> square deployed with two of the SD-20 poles. I'm hoping for that to be
> an easy to deploy 20m antenna that offers good performance.
>
> We'll have a 44' doublet fed with twin lead on a DK9SQ mast for the
> other bands. Hope to work many.
>

> I'm sure we will have a gas.
>

I'll believe that!! Careful you don't melt the rigs!

| | | | < _ > | . | / _ > | \ | John L. Sielke w2agn@pobox.com w2agn@qsl.net
| | | | / / | | | < _ \ | | NJ Grid:FM29LN http://www.qsl.net/w2agn
| _ / _ / < _ _ > | _ | _ ' _ _ _ / | _ \ | NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
EX-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
SOC #390, fpQRP, ARLHS, OOTC, Elecraft K2 #00023 K1 #00146

Date: Sat, 6 Jan 2001 16:07:35 -0600
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [88082] FOX - N5TW Final log
Message-ID: <002101c0782d\$1367b900\$b921f0cd@g517v>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lets try that again with the log this time...

Tom Whiteside
N5TW Georgetown, TX

0201 N1FN 559 CO ET 5W
0202 K0MP 559 CO Bill 5W
0202 K0EVZ 589 ND DOC 5W
0203 W0CH 559 MO DAVE 5W
0211 N1TP 559 FL TOM 5W
0213 N4ROA 559 VA DAN 5W
0214 WE6W 549 CA ED 5W
0215 W0PWE 599 IA JERRY 5W
0216 NK7M 559 AZ BOB 5W
0216 N1LN 599 TX BRUCE 5W
0217 W0HEP 449 CO RICH 5W
0220 K5VUU 559 TX ED 5W
0220 AE9K 559 WI BRIAN 5W
0221 N0TU 599 CO STEVE 5W
0221 K7RE 559 AZ BRIAN 5W
0223 KI0II 559 CO RON 5W
0223 N0UR 579 MN JIM 5W
0224 WB5QYT 559 NM TOM 5W
0225 KK5LD 559 TX DAN 5W
0226 NK6A 559 CA DON 5W
0226 KC1FB 559 CT JIM 5W
0227 K10J 559 TX OJ 5W
0228 K9IUA 559 ND KEVIN 5W
0228 N5ET 559 TX BOB 5W

0229 N6WG 559 CA BOB 5W
0230 W8RU 599 MI RON 5W
0231 VA6RF 559 AB EARL 5W
0232 NQ7X 559 AZ FLOYD 5W
0233 WA9TZE 549 WI JIM 5W
0234 K5ZTY 559 TX BILL 5W
0234 W9XU 559 WI LON 5W
0235 W8SFF 559 MI STEVE 5W
0236 K5OI 559 NM TIM 5W
0237 K7FD 559 OR JOHN 5W
0237 N9AW 559 WI JERRY 5W
0238 AA0ZZ 559 MN CRAIG 5W
0239 WS4S 599 TN CONRAD 5W
0240 K4BB 579 KY KEN 5W
0241 WV9N 559 OH RANDY 5W
0241 K4FB 559 FL PAUL 5W
0243 W0JOE 559 MO JOE 5W
0245 K0PC 559 MN PAT 5W
0245 N0DSP 559 CO TOM 5W
0246 AF4LQ 579 KY MIKE 5W
0248 AC3A 559 NY STU 5W
0249 AF4PS 559 FL MAC 5W
0250 K4BYF 559 FL JACK 5W
0250 W9XT 559 WI GARY 5W
0251 AA7EQ 559 AZ BOB 5W
0252 W0UFO 559 MN MERT 5W
0252 VE5RC 559 SK BRUCE 5W
0253 KD7CTF 599 OR LEE 5W
0254 KB7WW 559 OR ART 5W
0256 WU9F 559 WI TERRY 5W
0257 N0EHW 559 MO TIM 5W
0258 KD7GTI 549 WA DOUG 5W
0300 WE9K 539 WI GLENN 2W
0300 N8IE 559 OH DAN 5W
0303 N2WW 559 CO LARRY 5W
0304 KB1ENS 559 VT JOHN 5W
0305 AA7XA 559 OR FRANK 5W
0306 K5DI 579 NM KARL 5W
0307 N7CQR 559 OR DAN 5W
0308 AD6JY 579 CA DAN 5W
0309 WB8ICN 579 MI MIKE 5W
0310 WY1W 559 CT BUTCH 5W
0311 WA9PWP 569 WI PAUL 5W
0312 N0AR 559 MN SCOTT 4W
0312 K8CV 559 MI WALT 5W
0313 WR50 559 TX DAVE 5W
0314 W4NJK 559 CA CHARLIE 5W
0315 W9UQB 559 AZ MIKE 5W

0316 NK9G 559 WI RICK 5W
0316 WB7AEI 469 WA PHIL 5W
0317 N2WF 599 NJ BILL 5W
0319 WB9HFK 559 IL MARK 5W
0320 NV4V 559 KY PETE 5W
0321 AB0CD 559 CO DICK 5W
0322 K2Q0 559 NY MARK 2W
0323 K0FRP 599 CO AL 5W
0327 K0YWD 559 MT SKIP 5W
0329 AA2PF 559 NY DAVE 5W
0330 W7AQK 559 AZ DAVE 5W
0332 NC90 559 IL SKIP 2W
0333 N2ZHY 339 NJ DAVID 5W
0334 K5EOA 559 LA WAYNE 5W
0335 K5LN 559 TX BILL 5W
0336 K4TJD 559 GA TOM 5W
0336 AF4PP 559 GA CHUCK 2W
0337 KJ0C 559 MO JIM 5W
0339 AK1P 559 CA PAUL 5W
0339 N4SO 599 AL KEN 5W
0340 W6ABC 559 CA JACK 5W
0342 WA3WTF 559 PA FRAN 5W
0348 K5DW 559 TX DON 5W
0350 KR5C 339 TX GEORGE 5W
0352 N5WL 559 OK BART 5W
0355 N5IB 559 LA JIM 5W
0356 N9QIL 339 IN KEN 5W
0400 K3NG 559 PA GOODY 5W
0400 N5TW 559 TX TOM 5W

Date: Sat, 6 Jan 2001 16:19:16 -0600
From: w0av@juno.com
To: pwomble1@tampabay.rr.com
Cc: qrp-1@Lehigh.EDU
Subject: [88083] Re: QRP and Chile
Message-ID: <20010106.161917.-708529.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Paul,

Is that Chile (CE) or chili?

Maybe less gas with Chile?

72/73/74 de George/W0AV
SOC#101

Date: Sat, 6 Jan 2001 15:19:41 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88084] N0RC QRT: Re: N0RC QRV near 24.950 2100-2300z
Message-ID: <0E39S2IW7E5yB3miZwW00008194@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No luck. Called CQ @ 24.945 for almost 30 minutes, moved up and down +/- 5khz still nada. Tried to call the Alaskan and Cuban stations zippo. Went to 10m about 2200z called CQ near 28717.50 for 15min. STILL nothing.

This years experiment with low power and compromise antennas is over, thought I'd get it done early this year. ;-) Back to CW and PSK-31 for this OP. The microphone is put away until next year. Hope then I remember where I put it. ;-)

73, Rod N0RC
Ft Collins CO

----- Original Message -----

From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 06, 2001 02:00 PM
Subject: N0RC QRV near 24.950 2100-2300z

> With 817, pw-1 @ 5W
>
> 73, Rod N0RC
> Ft Collins CO
>

Date: Sat, 6 Jan 2001 17:50:14 -0500
From: Joseph I Pirkle <ad4ih@juno.com>
To: qrp-1@Lehigh.EDU

Cc: pwomble1@tampabay.rr.com
Subject: [88085] Re: QRP and Chile
Message-ID: <20010106.175020.-3746801.0.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Sat, 06 Jan 2001 16:50:53 -0500 Paul Womble <pwomble1@tampabay.rr.com> writes:

> Look for K4FB on the air tomorrow (7Jan01) starting around 1700z
> near
> the normal QRP frequencies. My local radio club is having a Chile
> Cookout/Picknic. K4BYF, AD4IH, W2XN and I will be taking along qrp
> gear
> and antennas.
>
<snip>
> I'm sure we will have a gas.
>
> 73
> Paul K4FB
>
>

I own no gas-operated qrp gear. Paul will have to furnish his own gas and gear.

72/73,
Joe Pirkle, AD4IH,
QRP-L #2236, WCF Warbler #2
ad4ih@arrl.net / ad4ih@juno.com

Date: Sat, 06 Jan 2001 18:01:55 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: qrp-l@Lehigh.EDU
Cc: FPQRP <fpqrp-l@mpna.com>
Subject: [88086] Re: QRP and Chile
Message-ID: <3A57A3E3.E70AE562@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes...Chili not Chile!

A couple of people have asked:

We will probably be on the air for 2-3 hours. Until 2100z or so.

Callsigns? K4FB, AD4IH, W2XN, K4BYF or perhaps our club callsign K4LKL (Lakeland ARC).

We will be operating from about 40 miles East of Tampa, FL. Polk County for the county hunters in the crowd.

We will be around 14.060 for sure...and will probably spend some time on the other high bands.

The Chili recipe is top secret! We could smear a sample on the back of any qsl cards requested!!

73
Paul K4FB

Date: Sat, 6 Jan 2001 18:09:38 -0500
From: "Victor Blackwell" <victor@brechnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [88087] RTTY racket on 7040
Message-ID: <003701c07835\$bee8c6e0\$5d5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>>Gee, What are all those strange sounds on 7040 khz.

Oh that's just the RTTY guys operating on suggested freq. in the ARRL RTTY contest.

>No way, the league knows better than that.

Go check the official page describing the contest.

Date: Sat, 6 Jan 2001 18:19:19 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
To: <jsm@gulfislands.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [88088] RE: Toroid Tribulations
Message-ID: <LPBBJAGIPFHKPJENAKLOEEGPDGAA.n1bq@wulfdn.org>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: Steve McDonald
> Sent: Friday, January 05, 2001 18:37 PM
> To: Low Power Amateur Radio Discussion
> Subject: Toroid Tribulations
>
>

> OK...the worst part about winding toroids for me is cleaning
> the varnish off the ends of the wire. I usually use an
> X-acto knife and try to support the wire on the edge of the
> bench or a piece of cardboard while I carefully scrape and
> rotate the toroid...all the time holding my breath
> that the wire doesn't get cut or snap off, forcing me to
> re-wind the coil!
> Is there an easier way or do we all sweat out the same
> procedure??

I had that problem all the time, then I bought a solder station (as opposed to my eight buck Rat Shack special soldering iron) with a temperature control. I run the temp up to 850F and more or less burn the paint off the wire ... and then all it takes is the lightest scrape of the cahrred remains to get down to bare copper ...

72 de brian, n1bq

Date: Sat, 06 Jan 2001 23:51:42
From: "Bruce Prior" <n7rr@hotmail.com>
To: n7rr@hotmail.com
Subject: [88089] Yaesu FT-817 Aluminum Enclosure
Message-ID: <F27kkZIhTrBoe2U8QVj0000f0a6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The Yaesu FT-817 transceiver could be even lighter with an enclosure made of aluminum instead of steel. The steel enclosure weighs 275 g or 9.7 ounces. That s over 30% of the total base weight of the FT-817. An aluminum enclosure made from the same gauge sheet metal would weigh about 140 g or

4.9 ounces. That 4.8 ounces lower weight would constitute a significant savings in a backpacker s weight budget, because all backpacker supplies except fresh water need to be carried the whole length of a trip. The only disadvantage that I can think of is that an aluminum enclosure is not magnetic and therefore will not allow a magnetic keyer paddle like the mini G4ZPY to stick on the enclosure without installing a supplementary steel sheet.

I'd like to install aluminum enclosures on my rig, but I'd have to do it with a larger group of orders for it to be reasonably economical. The manufacture of a cloned enclosure in aluminum is not trivial. It involves compound bending, precision drilling and good-quality painting. The price would be \$40 per enclosure pair plus shipping (and 7.9% sales tax for Washington State residents). Please let me know whether or not you are interested.

Please send an e-mail to:

n7rr@arrl.net

Make the SUBJECT one of the following:

FT-817 Al Definitely Yes

FT-817 Al Maybe

FT-817 AL Definitely No

If you wish, you may add more comments in the text of the message, but it's not necessary. Thanks for your help.

73 & 72,

Bruce Prior N7RR

853 Alder Street

Blaine, WA 98230-8030

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